SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name

Pivot Grease

Order number: 5810 350.050

REACH registration no. 01-2119490412-42

Identification numbers

CAS no. 8009-03-8
EC no. 232-373-2
Index no. 649-254-00-X

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture
Pivot grease

Uses advised against
No data available.

1.3 Details of the supplier of the safety data sheet

Address
Eppendorf AG
Barkhausenweg 1
D-22339 Hamburg

Telephone no. +49 40 53801-0

Information provided by / telephone
Eppendorf Application-Hotline
Tel.: +49 1803 66 67 89
Fax: +49 4053 99 01 25
email: support@eppendorf.com

Advice on Safety Data Sheet
sdb_info@umco.de

1.4 Emergency telephone number

For medical advice (in German and English):
+49 (0)551 192 40 (Giftnformationszentrum Nord)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification information
This product does not meet the classification and labelling criteria given in the Regulation (EC) No 1272/2008 (CLP).

2.2 Label elements

Not relevant

2.3 Other hazards

Please observe the information given in this safety data sheet.

PBT assessment
The product is not considered to be a PBT.
vPvB assessment
The product is not considered to be a vPvB.
SECTION 3: Composition/information on ingredients

3.1 Substances

Chemical characterization

<table>
<thead>
<tr>
<th>Substance name</th>
<th>Petrolatum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>pastyous mixture of refined hydrocarbons, petrolatum</td>
</tr>
</tbody>
</table>

Identification numbers

| CAS no. | 8009-03-8 |
| EC no.  | 232-373-2 |
| Index no. | 649-254-00-X |

3.2 Mixtures

Hazardous ingredients

This product does not contain substances to be mentioned according to EU Regulation No 1907/2006 (REACH), annex II.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In case of persisting adverse effects, consult a physician. Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing.

After inhalation

Remove affected person from the immediate area. Ensure supply of fresh air.

After skin contact

Wash off immediately with soap and water.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.).

After ingestion

Do not induce vomiting. Never give anything by mouth to an unconscious person. If individual is drowsy or unconscious, place in recovery position (on left side, with head down). Seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Extinguishing powder; Alcohol-resistant foam; Carbon dioxide

Unsuitable extinguishing media

No data available.

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon monoxide (CO); Hydrocarbons

5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation.
6.2 **Environmental precautions**
Do not discharge into the drains/surface waters/groundwater.

6.3 **Methods and material for containment and cleaning up**
Pick up with binding agents (eg dry sand). Send in suitable containers for recovery or disposal.

6.4 **Reference to other sections**
No data available.

### SECTION 7: Handling and storage

7.1 **Precautions for safe handling**

#### Advice on safe handling
Ensure adequate ventilation.

#### General protective and hygiene measures
Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Remove soiled or soaked clothing immediately. Wash hands before breaks and after work.

#### Advice on protection against fire and explosion
No special measures necessary.

7.2 **Conditions for safe storage, including any incompatibilities**

#### Technical measures and storage conditions
Keep container tightly closed in a cool, well-ventilated place. Protect from direct sunlight.

#### Requirements for storage rooms and vessels
Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original one.

#### Advice on storage assembly
Do not store together with: Oxidizing agents; Store the foodstuffs separately.

7.3 **Specific end use(s)**
No data available.

### SECTION 8: Exposure controls/personal protection

8.1 **Control parameters**
No parameters available for monitoring.

8.2 **Exposure controls**

#### Appropriate engineering controls
No data available.

#### Personal protective equipment

##### Respiratory protection
No special measures required.

##### Eye / face protection
Safety glasses (EN 166)

##### Hand protection
Use protective gloves.

#### Appropriate Material

- **nitrile**

##### Other
Normal chemical work clothing.

#### Environmental exposure controls
No data available.
### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Form/Colour</strong></td>
<td>Paste, white</td>
</tr>
<tr>
<td><strong>Odour</strong></td>
<td>Odourless</td>
</tr>
<tr>
<td><strong>Odour threshold</strong></td>
<td>No data available</td>
</tr>
<tr>
<td><strong>pH value</strong></td>
<td>Not applicable</td>
</tr>
<tr>
<td><strong>Boiling point / boiling range</strong></td>
<td>Not determined</td>
</tr>
<tr>
<td><strong>Melting point / melting range</strong></td>
<td>Not determined</td>
</tr>
<tr>
<td><strong>Decomposition point / decomposition range</strong></td>
<td>No data available</td>
</tr>
<tr>
<td><strong>Flash point</strong></td>
<td>Value $&gt; 150 ^\circ C$</td>
</tr>
<tr>
<td><strong>Ignition temperature</strong></td>
<td>Not determined</td>
</tr>
<tr>
<td><strong>Auto-ignition temperature</strong></td>
<td>Not determined</td>
</tr>
<tr>
<td><strong>Oxidising properties</strong></td>
<td>No data available</td>
</tr>
<tr>
<td><strong>Explosive properties</strong></td>
<td>The product does not have explosive properties.</td>
</tr>
<tr>
<td><strong>Flammability (solid, gas)</strong></td>
<td>The substance is not flammable.</td>
</tr>
<tr>
<td><strong>Lower flammability or explosive limits</strong></td>
<td>No data available</td>
</tr>
<tr>
<td><strong>Upper flammability or explosive limits</strong></td>
<td>No data available</td>
</tr>
<tr>
<td><strong>Vapour pressure</strong></td>
<td>Value $&lt; 0.01$ hPa</td>
</tr>
<tr>
<td><strong>Vapour density</strong></td>
<td>Not applicable</td>
</tr>
<tr>
<td><strong>Evaporation rate</strong></td>
<td>Not applicable</td>
</tr>
<tr>
<td><strong>Relative density</strong></td>
<td>No data available</td>
</tr>
<tr>
<td><strong>Density</strong></td>
<td>Value $0.9$ g/cm³, Reference temperature $20 ^\circ C$</td>
</tr>
<tr>
<td><strong>Solubility in water</strong></td>
<td>Remarks insoluble</td>
</tr>
</tbody>
</table>
Solubility(ies)
No data available

Partition coefficient: n-octanol/water
No data available

Viscosity
<table>
<thead>
<tr>
<th>Value</th>
<th>5 - 10 mm²/s</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reference temperature</td>
<td>100 °C</td>
</tr>
<tr>
<td>Type</td>
<td>kinematic</td>
</tr>
</tbody>
</table>

9.2 Other information

Other information
No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity
Dangerous reactions are not expected if the product is handled according to its intended use.

10.2 Chemical stability
Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions
No data available.

10.4 Conditions to avoid
Heat; Protect from sun.

10.5 Incompatible materials
Oxidizing agents

10.6 Hazardous decomposition products
Carbon monoxide and carbon dioxide
### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

<table>
<thead>
<tr>
<th>Aspect</th>
<th>Data Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute oral toxicity</td>
<td>No data available</td>
</tr>
<tr>
<td>Acute dermal toxicity</td>
<td>No data available</td>
</tr>
<tr>
<td>Acute inhalational toxicity</td>
<td>No data available</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>No data available</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>No data available</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td>No data available</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>No data available</td>
</tr>
<tr>
<td>Reproduction toxicity</td>
<td>No data available</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>No data available</td>
</tr>
<tr>
<td>STOT-single exposure</td>
<td>No data available</td>
</tr>
<tr>
<td>STOT-repeated exposure</td>
<td>No data available</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>No data available</td>
</tr>
<tr>
<td>Delayed and immediate effects as well as chronic effects from short and long-term exposure</td>
<td>Product specific toxicological data are not available. Danger of acute health hazards by longer exposure.</td>
</tr>
</tbody>
</table>

Product specific toxicological data are not available. Danger of acute health hazards by longer exposure.
SECTION 12: Ecological information

12.1 Toxicity

**Toxicity to fish (acute)**

No data available

**Toxicity to fish (chronic)**

No data available

**Toxicity to Daphnia (acute)**

No data available

**Toxicity to Daphnia (chronic)**

No data available

**Toxicity to algae (acute)**

No data available

**Toxicity to algae (chronic)**

No data available

**Bacteria toxicity**

No data available

12.2 Persistence and degradability

**Behaviour in sewers [waste treatment plants]**

May be separated out mechanically in purification plants.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

<table>
<thead>
<tr>
<th>Results of PBT and vPvB assessment</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PBT assessment</td>
<td>The product is not considered to be a PBT.</td>
</tr>
<tr>
<td>vPvB assessment</td>
<td>The product is not considered to be a vPvB.</td>
</tr>
</tbody>
</table>

12.6 Other adverse effects

No data available.

12.7 Other information

**Other information**

Product is insoluble in water.

Do not allow to enter soil, waterways or waste water canal.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

**Product**

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

**Packaging**

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Packaging that cannot be cleaned should be disposed of in agreement with the regional waste disposal company.
SECTION 14: Transport information

14.1 Transport ADR/RID/ADN
The product is not subject to ADR/RID/ADN regulations.

14.2 Transport IMDG
The product is not subject to IMDG regulations.

14.3 Transport ICAO-TI / IATA
The product is not subject to ICAO-TI / IATA regulations.

14.4 Other information
No data available.

14.5 Environmental hazards
Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user
No data available.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not relevant

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulations

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)
According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation
According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances
This product is not subject to Part 1 or 2 of Annex I.

Other regulations
Adhere to the national sanitary and occupational safety regulations when using this product.

15.2 Chemical safety assessment
No data available.

SECTION 16: Other information

Sources of key data used to compile the data sheet:
National Threshold Limit Values of the corresponding countries as amended in each case.
Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.
The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.
EC safety data sheet
Trade name: Pivot Grease

Current version: 4.0.0, issued: 11.06.2015
Replaced version: 3.0.0, issued: 19.07.2013
Region: GB

Department issuing safety data sheet
UMCO Umwelt Consult GmbH
Georg-Wilhelm-Str. 183, D-21107 Hamburg
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